

## **FILTERING SCREEN SUPPORT CONSTRUCTION**

### **AND METHODS**

#### **ABSTRACT**

5           An assembly and method is provided for a vibrational screen filtration support and  
assembly that may be utilized for filtering purposes including filtering drilling fluid in a  
vibrating shaker. In a preferred embodiment, at least one support screen is formed from a  
first plurality of wires that are welded together with a second plurality of wires. In one  
embodiment, the first plurality of wires may comprise a planar surface to thereby reduce the  
10   friction forces produced by supporting finer mesh screens utilized in the assembly. The  
support screen may conceivably be used by itself but will typically be utilized in conjunction  
with other screens to produce a screen assembly that is resistant to vibration damage.